

LNE
NETWORK SYSTEMS

Louvres
OEM Manufacturing

Overview

Louvre Manufacturing Since 2002

- ▶ Factory based in Kuala Lumpur, Malaysia
- ▶ 20,000sqf production area, 50 staff
- ▶ Founded in 2002 by Mark Rampling (CEO)
- ▶ UK-German Management Team
- ▶ ISO 9001:2008 accreditation by UK body
- ▶ More than 10 years experience in making louvres for reputable lighting companies in Germany, Italy, UK, Middle East and Australia

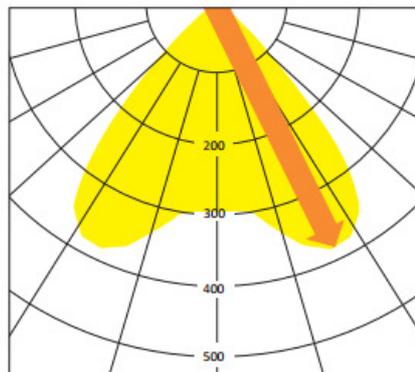


Material



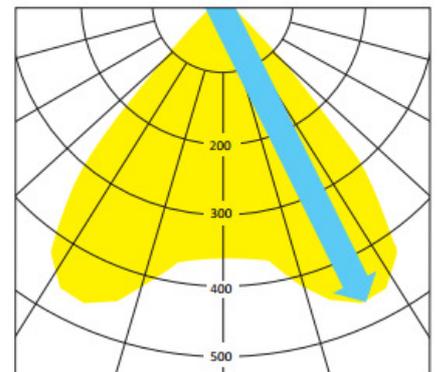
- ▶ The quality of louvres starts with the right selection of material.
- ▶ For the highest light output, we use Alanod's Miro® or Miro-Silver® aluminum which has the highest reflective rate and is unbeatable in energy efficiency.

**Up to 98%
reflection rate.
Energy saving
ca. 20% by using
Miro®**



LOR (η) 69%

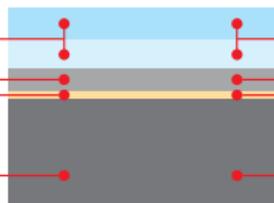
Standard anodisiert –
das Material der Vergangenheit
Standard anodised –
the material of the past



LOR (η) 83% | + 20%*

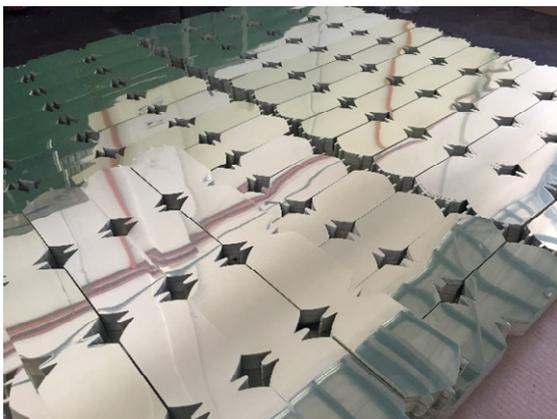
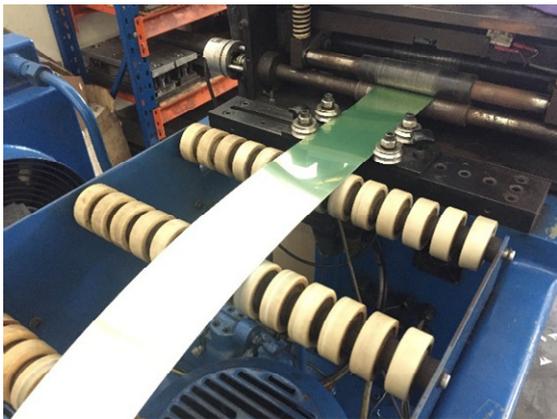
MIRO® – optimierte Reflexion
MIRO® – enhanced reflectance

Reflexionsverstärkendes
Schichtsystem aus Oxiden
Reinstaluminium 99,99%
Haftvermittlungsschicht
ALANOD Basismaterial



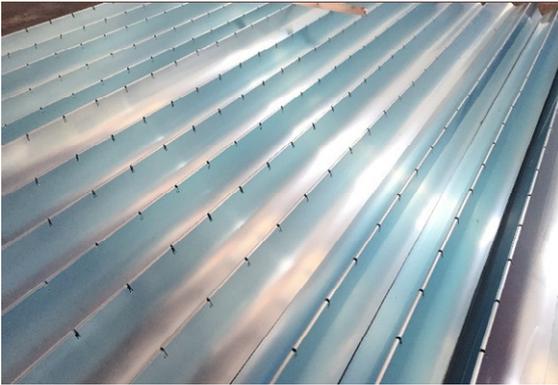
**Super reflective
oxide-layer system**
Purest aluminium 99,99%
Bonding-layer
ALANOD base material

Production

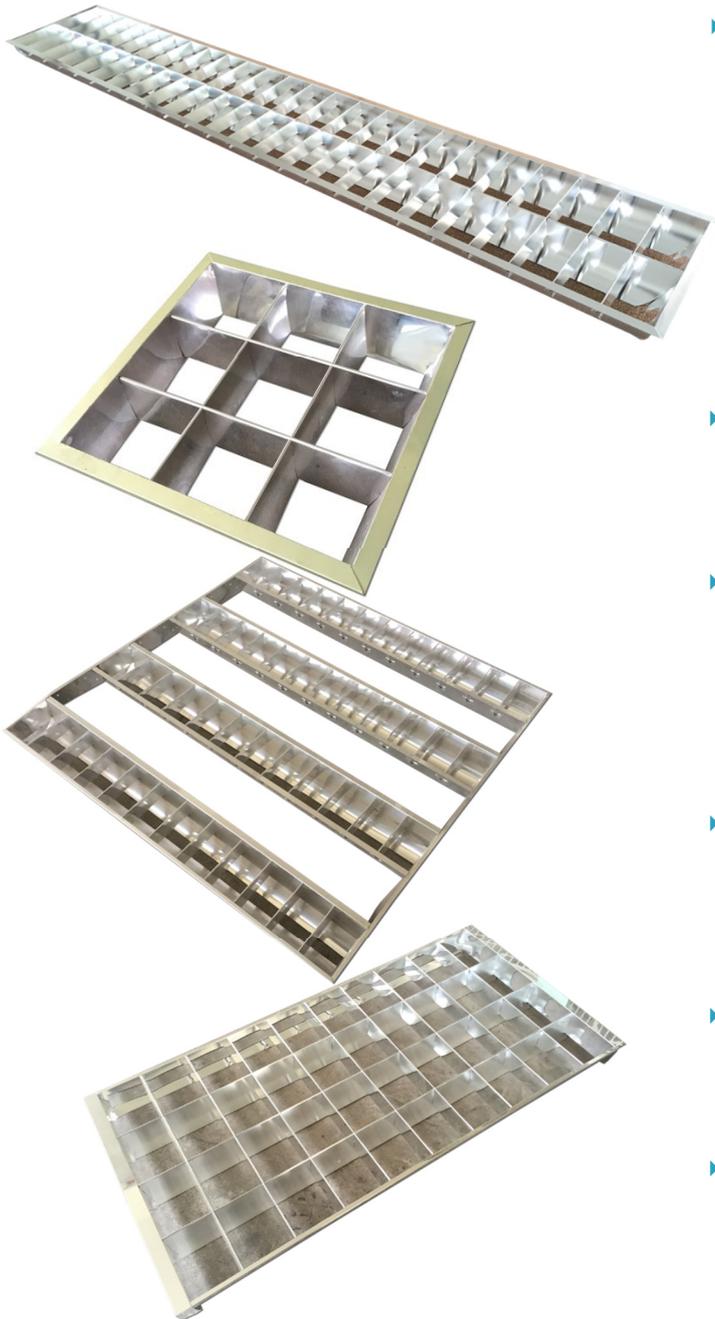


- ▶ Multi stations presses allow us to manufacture a number of different hole configurations for louvre components in single operations, to a tremendous level of accuracy and consistency.
- ▶ Usage of Lunar rolling equipment from Sweden which have been specifically designed to bend a multitude of radii. This ensures that the customer always achieves the correct light output from their louvres.
- ▶ Very high grades of tooling allow us to offer multiple bends of very small degrees on side rails. This is especially important when the louvre is being installed in aluminium extrusions used for linear lighting applications.

Assembly

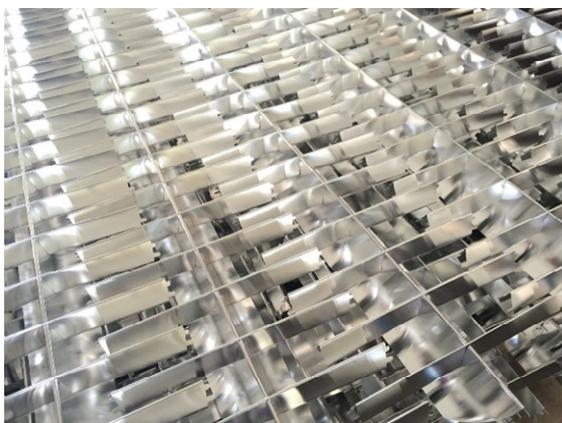


Types



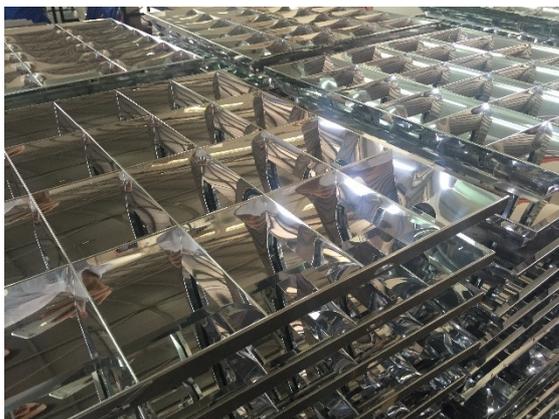
- ▶ **Material:**
 - High-gloss, diffused, White-Optics®
 - Alanod materials including Miro or Miro Silver
 - R6300
 - Material specifically to suit your requirements
- ▶ **Dimensions:**
 - Any, according to your drawing
- ▶ **Light Source:**
 - LED
 - T5
 - T8
- ▶ **Installation Type:**
 - Recessed
 - Suspended
- ▶ **Format**
 - Parabolic, double parabolic, linear
- ▶ **Scope of Supply:**
 - With or without fitting
 - With or without light source and electronics (driver, cabling, etc)

Our Experience



- ▶ Over the last 14 years we have manufactured many different louvres ranging from the classic T8 louvre, to T5 to the newest lighting revolution of LED.
- ▶ Our experience provides you the following benefits:
 - Light reflection maximization
 - Light loss minimization
 - Accurate manufacturing as per your drawings
 - High quality build and assembly
 - Consistent on-time dispatch performance to meet your requirements.
 - Long-lifetime tools for accuracy and consistency of product offering.

Louvre Export



- ▶ Export to reputable OEM customers in Germany, Italy, UK, Saudi Arabia, Dubai, Australia
- ▶ Monthly shipment by container freight
- ▶ Dependent upon production capacity and raw material stocks we can offer ex works dispatch in 2 weeks from receipt of order for a container of louvres.
- ▶ We work with our customers to ensure that shipping terms are to their requirements.

A Local Contact Abroad

We speak and think in your language.

Good communication changes everything.



Mark Rampling, CEO:

“We understand the speed of light design trends. If a light maker wants to keep up and also enjoy lower production costs, then we are the best component partner.”

Contact



Your Louvre Experts.



- ▶ LNE Network Systems (Asia) Sdn Bhd
No. 8, Jalan KIP 3
KIP Industrial Park
52200 Kuala Lumpur
Malaysia
- ▶ GMT +8 Hours | timezone
- ▶ +603 6274 2400 | phone Malaysia
- ▶ +603 6274 1624 | fax
- ▶ INFO@LNEGROUP.NET | EMAIL
- ▶ WWW.LNEGROUP.NET | WEB

Thank you.